

523 pgs

A18

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 August 2002 (08.08.2002)

PCT

(10) International Publication Number  
**WO 02/061087 A2**

- (51) International Patent Classification<sup>7</sup>: **C12N 15/12**,  
C07K 14/705, 16/28, G01N 33/53 [US/US]; 411 West Prospect Street, Seattle, WA 98119 (US).
- (21) International Application Number: PCT/US01/50107 (74) Agents: **KING, Joshua** et al.; Graybeal Jackson Haley LLP, Suite 350, 155 - 108th Avenue Northeast, Bellevue, WA 98004-5901 (US).
- (22) International Filing Date:  
19 December 2001 (19.12.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/257,144 19 December 2000 (19.12.2000) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:  
US 60/257,144 (CIP)  
Filed on 19 December 2000 (19.12.2000)
- (71) Applicant (for all designated States except US): **LIFESPAN BIOSCIENCES, INC.** [US/US]; 2401 Fourth Avenue, Suite 900, Seattle, WA 98121 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BURMER, Glenna, C.** [US/US]; 7516-55th Place Northeast, Seattle, WA 98115 (US). **ROUSH, Christine, L.** [US/US]; 5301 Eight Avenue Northeast, Seattle, WA 98105 (US). **BROWN, Joseph, P.**
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTIGENIC PEPTIDES, SUCH AS FOR G PROTEIN-COUPLED RECEPTORS (GPCRS), ANTIBODIES THERETO, AND SYSTEMS FOR IDENTIFYING SUCH ANTIGENIC PEPTIDES

(57) Abstract: The present invention provides antigenic peptides for GPCRs and antibodies relating thereto, and related systems, methods, compositions, and the like, such as diagnostics and medicaments. Where antibodies against a given GPCR are not known, the present invention provides such antibodies, and preferred antigenic sequences for producing such antibodies. Where antibodies against a given GPCR are known, the present invention provides preferred antigenic peptides for producing antibodies that exhibit improved specificity, affinity or capacity to perform antibody-related actions relative to the known antibodies.

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